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TEST NEW DUSTER -- Leningrad, Leningradskaya Pravda, 15 Oct 53

On 14 October 1953, TsNILKh (Central Scientific Research Institute of Forestry) tested the ORPD duster. The duster was developed by TsNILKh for dusting vegetable crops and trees. It weighs 5.5 kilograms and is carried on the back of the worker who operates it by turning the handle.

In 8 hours, a worker can dust 1 1/2 hectares of a vegetable crop using the ORPD duster.

At the time tests were made on the ORPD duster, an improved model of the OR-2PD duster was also tested.

PRODUCES VARIETY OF AGRICULTURAL MACHINES -- Moscow, Trud, 18 Sep 53

The Tbilisi Agricultural-Machine-Building Plant produces harrows, plows, cultivators, and Tremas devices for spraying vineyards.

The plant has completed its production plans for August 1953 and has increased its daily production in September. The plant plans to produce 1,000 pump-type orchard sprayers before the end of 1953.

MACHINES FOR MAKING SEEDLING POTS OUT OF PEAT -- Moscow, Komsomol'skaya Pravda, 21 Oct 53

Large vegetable-growing farms use 40,000-50,000 seedling pots made out of peat for planting tomatoes or cabbage and 100,000 seedling pots per hectare for planting cucumbers.

Soviet designers have developed the IG-9 pot-making machine, which produces 100,000 pots in one day.

Other pot-making machines have been designed for farms that do not require a large number of pots. The simplest one is the PAG pot-making machine. Two workers operating the PAG machine produce 10,000 pots in one shift. Thousands of drawings of the PAG machines will be delivered to oblast and kray administrations of agriculture and procurement for production by local industry plants.

The FTS-5 pot-making machine is another simple machine, but more complex than the PAG machine. The FTS-5 machine is operated by three workers and produces 2,000-2,500 peat pots in one hour.

Another machine for making pots out of peat has been designed by the Scientific Research Institute of Vegetable Cultivation. It has design features of the PAG and the FTS-5 machines and produces pots in two sizes, 6 centimeters high for cabbage seedlings and 3 centimeters high for tomato seedlings. The machine is operated by three workers and produces 10,000-12,000 pots in a shift.

TEST RESULTS OF MACHINES FOR MAKING SEEDLING POTS -- Dostizheniya, Nauk. i Peredovogo Opyta v Sel'skhom Khozyaystve, Dec 53

Tests have shown that the IG-9 machine for making seedling pots out of peat can produce up to 9,000 pots in one hour. In practice, however, allowing for stoppages for various reasons, the machine can make 50,000 pots in 8 hours with five or six workers operating it.

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MACHINES FOR MAKING SEEDLING POTS -- Moscow, Moskovskaya Pravda, 22 Oct. 53

In 1954, vegetable growers of the USSR will be supplied with 2,500 IG-9 machines for making pots out of peat.

A. Shilin is the chief designer of the IG-9 machine.

LATVIAN PLANTS PRODUCE MACHINES FOR AGRICULTURE -- Riga, Sovetskaya Latviya, 15 Oct 53

Latvian machine-building plants continue to increase their number of products. On 14 October 1953, the Riga Imanta Plant tested its first machine for making pots out of peat.

Enterprises of the Metal Trust, Ministry of Local and Fuel Industry Latvian SSR, produce over 50 types of machines and devices for agriculture, including threshers, grain sorters, automatic watering troughs, and spare parts for tractors.

The Riga Teravda Agricultural-Machine-Building Plant makes zigzag harrows and cultivator parts. In the first 9 months of 1953, the plant produced more than 2 million rubles' worth of equipment for kolkhozes of the Latvian SSR.

In the first 9 months of 1953, the Riga Imanta Plant increased the production of VS-2 winnowers tenfold, and the Riga Sarkanays Metalists Plant increased the production of automatic watering troughs by 21 percent as compared to the corresponding period in 1952.

In the very near future, Latvian machine-building plants will begin the production of small wagons for animal-husbandry farms, and grain dryers.

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